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NPIC/R-1381/63

July 1963

PHOTOGRAPHIC INTERPRETATION REPORT

I P I R
BRASS KNOB MISSION 3657
8 JULY 1963



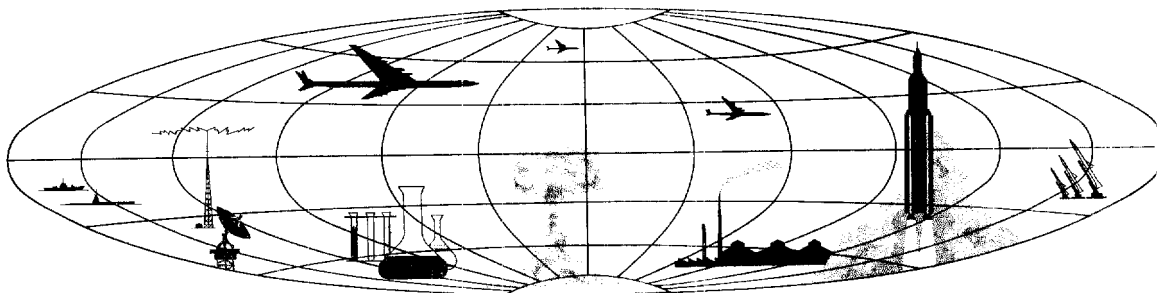
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GROUP 1
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IMMEDIATE PHOTOGRAPHIC INTERPRETATION REPORT

THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF AERIAL PHOTOGRAPHY FROM BRASS KNOB MISSION 3657, DATED 8 JULY 1963. THE NUMBER APPEARING AT THE END OF THE HEADER LINE IS THE COMOR TARGET NUMBER.

-MISSILES-

25X1A

LA COLOMA SAM SITE 2218N 08332W

SITE CONTAINS 6 CANVAS-COVERED REVETTED LAUNCHERS, 6 CANVAS-COVERED MISSILE TRANSPORTERS, 10 PROBABLE TRACKED PRIME MOVERS, AND AN OCCUPIED GUIDANCE REVETMENT.

25X1D

25X1A

SAGUA LA GRANDE SAM SITE 2251N 08005W

SIX REVETTED CANVAS-COVERED LAUNCHERS, A CANVAS-COVERED HOLD POSITION, AND A CANVAS-COVERED GUIDANCE REVETMENT OBSERVED.

25X1D

25X1A

LOS ANGELES SAM SITE 2100N 07541W

SIX UNRETVETTED LAUNCHERS, 5 MISSILE TRANSPORTERS, AND AN OCCUPIED GUIDANCE AREA OBSERVED IN CLOUD-FREE AREAS.

25X1D

25X1A

SIGUANEA SAM SITE 2137N 08257W

SIX LAUNCHERS (5 CANVAS-COVERED), 7 CANVAS-COVERED MISSILE TRANSPORTERS, AND AN OCCUPIED GUIDANCE AREA

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OBSERVED.

25X1D

[REDACTED]

25X1A

[REDACTED]

MANZANILLO SAM SITE 2018N 07706W

SITE CONTAINS 6 REVETTED LAUNCHERS, 6 MISSILE TRANSPORTERS, ONE CANVAS-COVERED MISSILE ON DOLLY, 10 CANVAS-COVERED TRACKED PRIME MOVERS, 6 SETS OF BOGIE WHEELS, NUMEROUS MISSILE CANISTERS, AND AN OCCUPIED GUIDANCE REVETMENT.

25X1D

[REDACTED]

25X1A

[REDACTED]

MANATI SAM SITE 2113N 07702W

SIX LAUNCHERS, 3 MISSILE TRANSPORTERS, AND AN OCCUPIED GUIDANCE REVETMENT OBSERVED. OBLIQUITY PRECLUDES FURTHER INTERPRETATION.

25X1D

[REDACTED]

25X1A

[REDACTED]

CHAMBAS SAM SITE 2213N 07853W

SITE CONTAINS 6 UNREVETTED LAUNCHERS (3 WITH MISSILES), 7 CANVAS-COVERED MISSILE TRANSPORTERS, 10 PROBABLE TRACKED PRIME MOVERS AND AN OCCUPIED GUIDANCE AREA.

25X1D

[REDACTED]

25X1A

[REDACTED]

ESMERALDA SAM SITE 2155N 07813W

SIX REVETTED LAUNCHERS, 4 CANVAS-COVERED MISSILE TRANSPORTERS, 12 TRACKED PRIME MOVERS, AND AN OCCUPIED GUIDANCE REVETMENT OBSERVED.

25X1D

[REDACTED]

25X1A

[REDACTED]

CIEGO DE AVILA SAM ASSEMBLY AREA 2152N 07844W

TWENTY-FOUR MISSILE TRANSPORTERS, 6 FLATBED TRAILER-TRUCKS, AND 6 PROBABLE TRACKED PRIME MOVERS OBSERVED. OBLIQUITY PRECLUDES FURTHER INTERPRETATION.

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25X1D

[REDACTED]

25X1A

VICTORIA DE LAS TUNAS SAM ASSEMBLY AREA 2104N 07700W

APPROXIMATELY 26 MISSILE TRANSPORTERS, 6 FLATBED TRAILER-TRUCKS, APPROXIMATELY 75 OTHER VEHICLES, AND NUMEROUS MISSILE CANISTERS OBSERVED.

25X1D

[REDACTED]

25X1A

MALDONADO SAM SITE 2012N 07528W

SITE CONTAINS 6 REVETTED LAUNCHERS (3 WITH MISSILES), 4 CANVAS-COVERED MISSILE TRANSPORTERS, 6 SETS OF BOGIE WHEELS, 14 TRACKED PRIME MOVERS, AND AN OCCUPIED GUIDANCE REVETMENT.

25X1D

[REDACTED]

25X1A

SIGUANEA CRUISE-MISSILE SITE 2137N 08258W

TWO REVETTED LAUNCHERS AND 8 PROBABLE CRUISE-MISSILE CRATES VISIBLE. SCATTERED CLOUDS AND CLOUD SHADOW LIMIT INTERPRETATION.

25X1D

[REDACTED]

25X1A

BANES CRUISE-MISSILE SITE 2058N 07538W

SITE CONTAINS 2 REVETTED LAUNCHERS, 7 CRUISE-MISSILE CRATES, 2 MISSILE TRANSPORTERS, A CANVAS-COVERED HOLD POSITION, 2 CANVAS-COVERED PARKING AREAS, AND A CANVAS-COVERED GUIDANCE/CONTROL AREA.

25X1D

[REDACTED]

-AIRFIELDS-

25X1A

CAMILO CIENFUEGOS AIRFIELD 2229N 07955W

[REDACTED]

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AIRCRAFT -- 12 FAGOT/FRESCO.
HAZE AND OBLIQUITY PRECLUDE FURTHER INTERPRETATION.

25X1D

[REDACTED]

25X1A

CAMAGUEY INTERNATIONAL AIRFIELD 2125N 07751W

[REDACTED]

AIRCRAFT -- ONE C-47 AND 2 DERELICT FAGOT/FRESCO.

25X1D

[REDACTED]

25X1A

HOLGUIN AIRFIELD 2048N 07618W

[REDACTED]

AIRCRAFT -- 6 FAGOT/FRESCO AND ONE LIAISON.

25X1D

[REDACTED]

25X1A

SIGUANEA AIRFIELD 2138N 08257W

[REDACTED]

NO AIRCRAFT OBSERVED.

25X1D

[REDACTED]

25X1A

ANTONIO MACEO AIRFIELD 1958N 07550W

[REDACTED]

AIRCRAFT -- ONE HOUND, 3 HARE, AND 5 LIAISON.

25X1D

[REDACTED]

25X1A

CORONEL PASCUAL AIRFIELD 2307N 08117W

[REDACTED]

AIRCRAFT -- 2 HOUND AND 2 LIAISON.

25X1D

[REDACTED]

25X1A

JAIME GONZALES AIRFIELD 2209N 08025W

[REDACTED]

AIRCRAFT -- ONE CRATE.

25X1D

[REDACTED]

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25X1A

PINAR DEL RIO AIRFIELD 2225N 08341W

AIRCRAFT -- ONE LIAISON.

25X1D

25X1A

TRINIDAD AIRFIELD 2147N 07959W

NO AIRCRAFT OBSERVED.

25X1D

-PORTS-

25X1A

BANES PORT 2055N 07542W

VESSELS -- 3 PT.

25X1D

25X1A

CIENFUEGOS PORT 2209N 08027W

VESSELS -- ONE KRONSTADT-CLASS PC, 4 PT (ONE ON MARINE RAILWAY), AND 2 LARGE FREIGHTERS.
NO MILITARY EQUIPMENT OBSERVED.

25X1D

25X1A

MANZANILLO PORT 2021N 07707W

NO LARGE VESSELS OBSERVED.

25X1D

25X1A

SANTIAGO DE CUBA PORT 2001N 07550W

VESSELS -- 5 LARGE FREIGHTERS, ONE COASTAL FREIGHTER,
AND ONE LARGE TANKER.
NO MILITARY EQUIPMENT OBSERVED.

25X1D

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25X1A

NUEVITAS PORT 2132N 07716W

VESSELS -- 3 LARGE VESSELS.
OBLIQUITY LIMITS INTERPRETATION.

25X1D

25X1A

LA ISABELA PORT 2256N 08001W

VESSELS -- 2 LARGE FREIGHTERS.
NO MILITARY EQUIPMENT OBSERVED.

25X1D

25X1A

CAIBARIEN PORT 2232N 07928W

NO LARGE VESSELS OBSERVED.
OBLIQUITY PRECLUDES FURTHER INTERPRETATION.

25X1D

25X1A

CARDENAS PORT 2302N 08112W

VESSELS -- ONE LARGE FREIGHTER.

25X1D

25X1A

CASILDA PORT 2145N 07959W

VESSELS -- ONE LARGE TANKER.
NO MILITARY EQUIPMENT OR ACTIVITY OBSERVED.

25X1D

25X1A

JUCARO PORT 2137N 07851W

VESSELS -- 2 PROBABLE FREIGHTERS ANCHORED
APPROXIMATELY 6 NM SOUTH OF PORT.

25X1D

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25X1A

MATANZAS PORT 2303N 08134W

VESSELS -- 3 LARGE FREIGHTERS AND ONE COASTAL TANKER.

25X1D

-MILITARY ACTIVITY-

25X1A

MANZANILLO AREA, MILITARY CAMP 2017N 07706W

NO APPARENT CHANGE IN FACILITIES.
NINETEEN TANKS/SP GUNS, 10 FA/AAA PIECES, 5
UNIDENTIFIED PIECES OF EQUIPMENT, AND 3 UNIDENTIFIED
VEHICLES.

25X1D

PINAR DEL RIO, MILITARY CAMP 2223N 08342W

NO APPARENT CHANGE IN FACILITIES.
APPROXIMATELY 60 VEHICLES OBSERVED.

25X1D

HOLGUIN AREA, MILITARY CAMP 2053N 07614W

MAIN CAMP -- NO APPARENT CHANGE IN FACILITIES.
FORTY-ONE TANKS/SP GUNS, 8 SNAPPERS, 8 PROBABLE BRDM,
10 TRACKED PRIME MOVERS, 4 UNIDENTIFIED TRACKED
VEHICLES, 221 CARGO TRUCKS, 22 UTILITY TRUCKS, 15 VAN
TRUCKS, 2 UNIDENTIFIED VEHICLES, 18 CARGO TRAILERS,
19 FA PIECES, AND 5 TRUCK-MOUNTED TREADWAY BRIDGES.
THE 6 AND 9-GUN AAA SITES REMAIN OCCUPIED.
ENCAMPMENT .6 NM SE -- 8 BARRACKS-TYPE BUILDINGS,
13 SUPPORT-TYPE BUILDINGS, 39 LARGE AND 2 MEDIUM
TENTS (NONE OF A KNOWN SOVIET TYPE), 10 CARGO TRUCKS,
6 UTILITY TRUCKS, AND 2 PROBABLE BRDM.
ENCAMPMENT 2.2 NM SE -- 2 BARRACKS-TYPE BUILDINGS,
8 BUILDING FOUNDATIONS, 21 LARGE AND 2 MEDIUM TENTS
(NONE OF A KNOWN SOVIET-TYPE), 27 SMALL TENTS, 29
TANKS/SP GUNS, 38 CARGO TRUCKS, AND AT LEAST 3 AAA
PIECES. (SEE ATTACHMENT 1)

25X1D

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25X1A

CAMAGUEY AREA, MILITARY CAMP 1 2121N 07751W 25X1D

NO APPARENT CHANGE SINCE

25X1D

25X1A

OFELIA, MILITARY CAMP 2006N 07530W

NO APPARENT CHANGE IN FACILITIES.
THREE POSSIBLE TANKS/SP GUNS, APPROXIMATELY 30
CARGO TRUCKS, 5 UNIDENTIFIED VEHICLES, AND 6 POSSIBLE
AAA PIECES OBSERVED.

25X1D

25X1A

CAMAGUEY AREA, MILITARY CAMP 2126N 07753W

NO APPARENT CHANGE IN FACILITIES.
ELEVEN CARGO TRUCKS OBSERVED.

25X1D

25X1A

VICTORIA DE LAS TUNAS, MILITARY CAMP 2054N 07655W

NO MILITARY ACTIVITY OR EQUIPMENT OBSERVED.

25X1D

25X1A

EL CRISTO, MILITARY INSTALLATION 2007N 07546W

APPROXIMATELY 25 CARGO TRUCKS OBSERVED.

25X1D

25X1A

SANTA FE AREA, MILITARY ACTIVITY 2143N 08249W

FOUR FA PIECES AND 4 CARGO TRUCKS OBSERVED.

25X1D

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25X1A

HOLGUIN AREA, MILITARY AREA 2051N 07617W

NINETEEN LARGE TENTS (NOT OF A KNOWN SOVIET TYPE)
OBSERVED.

25X1D

25X1A

HOLGUIN MILITARY CAMP NW 2057N 07616W

NO APPARENT CHANGE IN FACILITIES.
TWENTY-ONE TANKS/SP GUNS, 13 UNIDENTIFIED VEHICLES,
AND 5 POSSIBLE FA PIECES OBSERVED.

25X1D

25X1A

LA JUTIA AREA, MILITARY INSTALLATION 2155N 08016W

NO APPARENT CHANGE IN FACILITIES.
ONE CARGO TRUCK OBSERVED.

25X1D

25X1A

CANTEL, MILITARY CAMP 2302N 08119W

NO APPARENT CHANGE IN FACILITIES.
ELEVEN TANKS/SP GUNS OBSERVED.

25X1D

25X1A

TRINIDAD AREA, POSS MIL HEADQUARTERS 2150N 07953W

NO APPARENT CHANGE IN FACILITIES.
AT LEAST 5 TANKS/SP GUNS AND 8 OTHER VEHICLES
OBSERVED.

25X1D

25X1A

ALTAGRACIA, MILITARY AREA 2124N 07742W

NO APPARENT CHANGE IN FACILITIES.
NINE TANKS/SP GUNS OBSERVED.

25X1D

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25X1A

BUENA VISTA, MILITARY CAMP 2149N 07953W

SEE TRINIDAD AREA, POSSIBLE MILITARY HEADQUARTERS.

25X1A

ANTON RECIO, MILITARY INSTALLATION 2211N 08036W

FOUR CARGO TRUCKS OBSERVED.
HAZE LIMITS INTERPRETATION.

25X1D

25X1A

PINAR DEL RIO, MILITARY CAMP 2225N 08340W

NO APPARENT CHANGE IN FACILITIES.
NO MILITARY EQUIPMENT OBSERVED.

25X1D

25X1A

VARADERO LANDING BEACH 2308N 08118W

ONE PF ANCHORED APPROXIMATELY .8 NM SSW OF CAYO
PIEDRAS.

25X1D

LA VEGUITA, MILITARY CAMP 2049N 07615W

3.6 NM SOUTH OF HOLGUIN CITY AND 3.3 NM NE OF HOLGUIN
AIRFIELD.

TWENTY-SEVEN LARGE TENTS (NOT OF A KNOWN SOVIET TYPE),
4 FA PIECES, 3 POSSIBLE AAA PIECES, 2 SMALL BUILDINGS,
AND 9 BUILDING FOUNDATIONS.
(SEE ATTACHMENT 2)

25X1D

-MISCELLANEOUS ACTIVITY-

25X1A

MAYARI ARRIBA, MILITARY INSTALLATION 2027N 07531W

NO APPARENT CHANGE IN FACILITIES.
ELEVEN CRUISE-MISSILE-RELATED VEHICLES (8 CANVAS-
COVERED), 23 CRUISE-MISSILE CRATES (14 CANVAS-

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COVERED), ONE TRUCK-MOUNTED CRANE, 10 POL TRUCKS,
APPROXIMATELY 50 CARGO/UTILITY VEHICLES, ONE LOWBOY
TRAILER, AND AN UNDETERMINED NUMBER OF CANVAS-COVERED
VEHICLES OR PIECES OF EQUIPMENT.

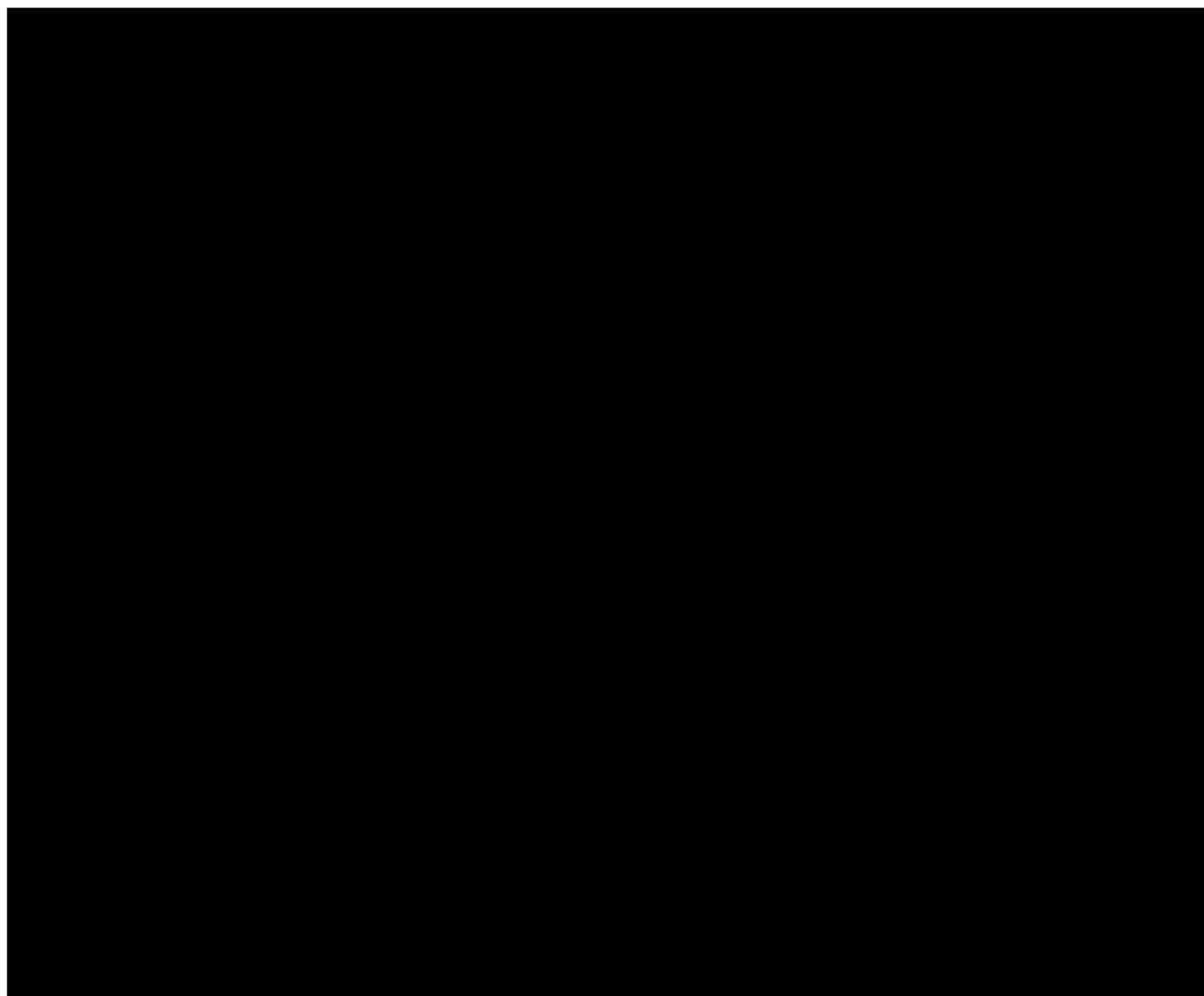
25X1D [REDACTED]

25X1A

LA ROSITA AREA, STORAGE INSTALLATION 2208N 08004W [REDACTED]

NO APPARENT CHANGE IN FACILITIES.
NO MILITARY ACTIVITY OR EQUIPMENT OBSERVED.

25X1D [REDACTED]



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-STATUS OF OTHER TARGETS-

THE FOLLOWING TARGETS SHOW NO APPARENT CHANGE
SINCE LAST COVERAGE---

25X1A

SAGUA LA GRANDE MRBM SITE 1	2243N 08001W
SAGUA LA GRANDE MRBM SITE 2	2239N 07951W
CIENFUEGOS SAM SITE	2202N 08024W
SANTIAGO DE CUBA SAM SITE	1959N 07550W
SANTIAGO DE CUBA SAM ASSEMBLY AREA	2003N 07553W
DELEITE SAM SITE	2259N 08045W
CAMAGUEY AIRFIELD SAM SITE	2122N 07750W
HOLGUIN SAM SITE	2052N 07627W
PRESTON AIRFIELD	2044N 07539W
PUNTA ALEGRE PORT	2223N 07847W
NUEVA GERONA PORT	2153N 08248W
PUERTO PADRE PORT	2113N 07632W

25X1D

25X1D

CAYO LARGO	2138N 08129W
SIBONEY LANDING BEACH	1957N 07542W
MATANZAS LANDING BEACH	2301N 08126W
CIENFUEGOS LANDING BEACH	2202N 08036W
MAR VERDE LANDING BEACH	1957N 07557W
ENSENADA COLORADO LANDING BEACH	2202N 08025W
PLAYA DE FLAMENCOS LANDING BEACH	2153N 08243W
NICARO LANDING BEACH	2042N 07533W

25X1D

25X1D

THE FOLLOWING TARGETS COULD BE IDENTIFIED BUT
NOT INTERPRETED --

REMEDIOS IRBM SITE	2225N 07935W
SAN JULIAN AIRFIELD SAM SITE	2205N 08409W
MATANZAS SAM SITE	2301N 08129W
CAIBARIEN SAM SITE	2228N 07929W
SANCTI SPIRITUS SAM SITE	2147N 07929W
JIGUANI SAM SITE	2021N 07620W
CIEGO DE AVILA SAM SITE	2142N 07850W
PINAR DEL RIO SAM ASSEMBLY AREA	2221N 08339W
CIFUENTES SAM ASSEMBLY AREA	2236N 08005W
SAN JULIAN AIRFIELD	2206N 08409W
COLONEL MARTIN MARRERRO AIRFIELD	2150N 08247W
BAYAMO EAST AIRFIELD	2023N 07638W
EL JUCARO, MILITARY AREA	2051N 07543W
REMEDIOS AREA, MILITARY CAMP	2227N 07934W

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25X1A

ALTO CEDRO, MILITARY CAMP
SANTA CLARA AREA, MILITARY ACTIVITY
LIMONAR AREA, MILITARY CAMP
GUANABANA, MILITARY AREA
LIMONAR, TANK TRAINING AREA
GUANABANA AREA, MILITARY CAMP
MINAS, MILITARY CAMP
PLAYA COLOMBO LANDING BEACH

25X1D

25X1D

SANTA CLARA AREA, MILITARY INSTALLATION

25X1D

2029N 07559W
2221N 07957W
2256N 08124W
2258N 08132W
2254N 08122W
2258N 08134W
2127N 07734W
2154N 08246W

25X1D

2224N 07953W

25X1D

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ATTACHMENT 1



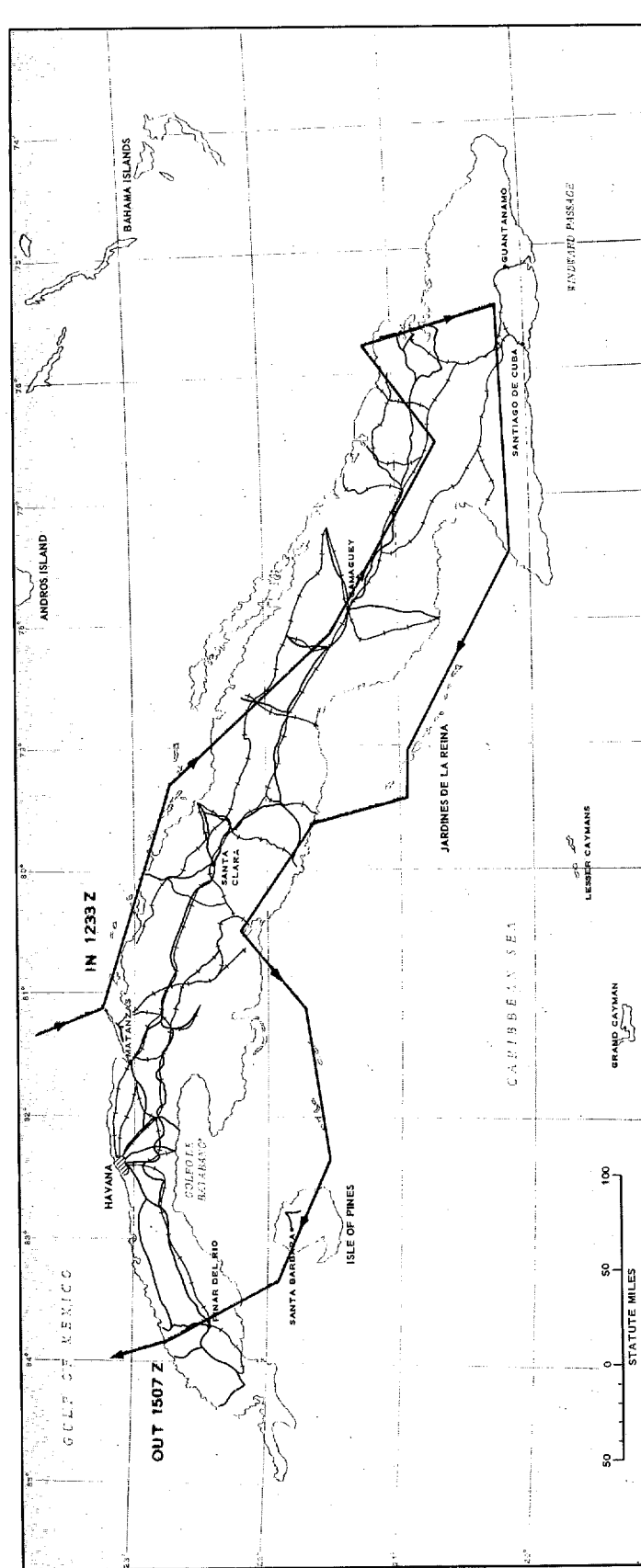
HOLGUIN AREA, MILITARY ENCAMPMENT 2.2 NM SE

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LA VEGUITA MILITARY CAMP

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APPROXIMATE TRACK OF BRASS KNOB MISSION 3657, 8 JULY 1963

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